Panasonic

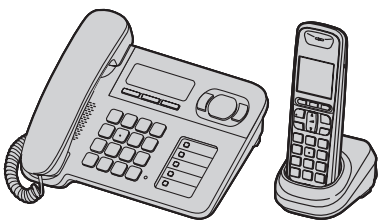
Operating Instructions

Digital Cordless Phone

Model No. **KX-TG6451FX**

Digital Cordless Answering System

Model No. **KX-TG6461FX**



Model shown is KX-TG6451.

Thank you for purchasing a Panasonic product.
This unit is compatible with Caller ID. You must subscribe to the appropriate service offered by your service provider/telephone company.

Charge the batteries for about 7 hours before initial use.

To use this unit in your country, first change the unit's region setting to match your country (page 25). Change the unit's display language as needed (page 14).

(For Czech and Slovakia)
This cordless telephone is possible to use according to General licence No.: VO-R/8/08.2005-23 (for Czech), VPR-7/2001 (for Slovakia).

Please read these operating instructions before using the unit and save them for future reference.

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Model composition

Series	Model No.	Base unit	Handset	
		Part No.	Part No.	Quantity
KX-TG6451 series	KX-TG6451	KX-TG6451	KX-TGA641	1
KX-TG6461 series*1	KX-TG6461	KX-TG6461	KX-TGA641	1

- The suffix (FX) in the following model numbers will be omitted in these instructions: KX-TG6451FX/KX-TG6461FX

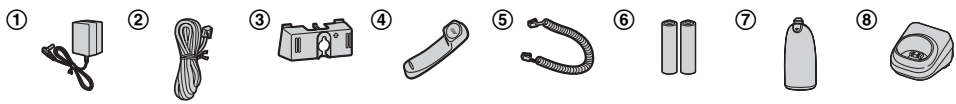
*1 The answering system is only available for KX-TG6461 series.

Accessory information

Supplied accessories

No.	Accessory item/Part number	Quantity
①	AC adaptor/PQLV219CE	2
②	Telephone line cord	1
③	Wall mounting adaptor	1
④	Corded handset	1
⑤	Corded handset cord	1
⑥	Rechargeable batteries*1/HHR-55AAAB or N4DHYYY00005	2
⑦	Handset cover*2	1
⑧	Charger	1

*1 See page 3 for replacement battery information.
*2 The handset cover comes attached to the handset.



Additional/replacement accessories

Please contact your nearest Panasonic dealer for sales information.

Accessory item	Model number
Rechargeable batteries	P03P or HHR-4MRE*1
	Battery type: – Nickel metal hydride (Ni-MH). – 2 x AAA (R03) size for each handset.
DECT repeater	KX-A272

*1 Replacement batteries may have a different capacity from that of the supplied batteries.

Expanding your phone system

You can expand your phone system by registering optional handsets (6 max.) to a single base unit.

Handset (optional): KX-TGA641FX



General information

- This equipment is designed for use on the Czech and Slovakia analogue telephone network.
- In the event of problems, you should contact your equipment supplier in the first instance.
- For use in other countries, please contact your equipment supplier.

Declaration of Conformity:

- Panasonic Communications Co., Ltd. declares that this equipment is in compliance with the essential requirements and other relevant provisions of Radio & Telecommunications Terminal Equipment (R&TTE) Directive 1999/5/EC.
  Declarations of Conformity for the relevant Panasonic products described in this manual are available for download by visiting:
  http://www.doc.panasonic.de
  Contact to Authorised Representative:
  Panasonic Testing Centre
  Panasonic Marketing Europe GmbH
  Winsbergring 15, 22525 Hamburg, Germany

For your future reference

We recommend keeping a record of the following information to assist with any repair under warranty.

Serial No.	Date of purchase
(found on the bottom of the base unit)	
Name and address of dealer	

Attach your purchase receipt here.

For your safety

To prevent severe injury and loss of life/property, read this section carefully before using the product to ensure proper and safe operation of your product.

WARNING

Power connection

- Use only the power source marked on the product.
- Do not overload power outlets and extension cords. This can result in the risk of fire or electric shock.
- Completely insert the AC adaptor/power plug into the power outlet. Failure to do so may cause electric shock and/or excessive heat resulting in a fire.
- Regularly remove any dust, etc. from the AC adaptor/ power plug by pulling it from the power outlet, then wiping with a dry cloth. Accumulated dust may cause an insulation defect from moisture, etc. resulting in a fire.
- Unplug the product from power outlets if it emits smoke, an abnormal smell, or makes an unusual noise. These conditions can cause fire or electric shock. Confirm that smoke has stopped emitting and contact an authorised service centre.
- Unplug from power outlets and never touch the inside of the product if its casing has been broken open.
- Never touch the plug with wet hands. Danger of electric shock exists.

Installation

- To prevent the risk of fire or electrical shock, do not expose the product to rain or any type of moisture.
- Do not place or use this product near automatically controlled devices such as automatic doors and fire alarms. Radio waves emitted from this product may cause such devices to malfunction resulting in an accident.
- Do not allow the AC adaptor or telephone line cord to be excessively pulled, bent or placed under heavy objects.

Operating safeguards

- Unplug the product from power outlets before cleaning. Do not use liquid or aerosol cleaners.
- Do not disassemble the product.
- Do not spill liquids (detergents, cleansers, etc.) onto the telephone line cord plug, or allow it to become wet at all. This may cause a fire. If the telephone line cord plug becomes wet, immediately pull it from the telephone wall jack, and do not use.
- Do not excessively pull the corded handset cord from the base unit. This may cause the base unit to fall, resulting in injury.

Medical

- Consult the manufacturer of any personal medical devices, such as pacemakers or hearing aids, to determine if they are adequately shielded from external RF (radio frequency) energy. (The product operates in the frequency range of 1.88 GHz to 1.90 GHz, and the RF transmission power is 250 mW (max.).)
- Do not use the product in health care facilities if any regulations posted in the area instruct you not to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

CAUTION

Installation and relocation

- Never install telephone wiring during an electrical storm.
- Never install telephone line jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- The AC adaptor is used as the main disconnect device. Ensure that the AC outlet is installed near the product and is easily accessible.
- The cordless handset is unable to make calls when:
  - the handset batteries need recharging or have failed.
  - there is a power failure.
  - the key lock feature is turned on.

Battery

- We recommend using the batteries noted on page 3. **USE ONLY rechargeable Ni-MH batteries AAA (R03) size.**
- Do not mix old and new batteries.
- Do not open or mutilate the batteries. Released electrolyte from the batteries is corrosive and may cause burns or injury to the eyes or skin. The electrolyte is toxic and may be harmful if swallowed.
- Exercise care when handling the batteries. Do not allow conductive materials such as rings, bracelets, or keys to touch the batteries, otherwise a short circuit may cause the batteries and/or the conductive material to overheat and cause burns.
- Charge the batteries provided with or identified for use with this product only, in accordance with the instructions and limitations specified in this manual.
- Only use a compatible charger to charge the batteries. Do not tamper with the charger. Failure to follow these instructions may cause the batteries to swell or explode.

Important safety instructions

When using your product, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

1. Do not use this product near water for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement or near a swimming pool.
2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
3. Do not use the telephone to report a gas leak in the vicinity of the leak.
4. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

SAVE THESE INSTRUCTIONS

For best performance

Base unit location/avoiding noise

The base unit and other compatible Panasonic units use radio waves to communicate with each other.

- For maximum coverage and noise-free communications, place your base unit:
  - at a convenient, high, and central location with no obstructions between the cordless handset and base unit in an indoor environment.
  - away from electronic appliances such as TVs, radios, personal computers, wireless devices, or other phones.
  - facing away from radio frequency transmitters, such as external antennas of mobile phone cell stations. (Avoid putting the base unit on a bay window or near a window.)
- Coverage and voice quality depends on the local environmental conditions.
- If the reception for a base unit location is not satisfactory, move the base unit to another location for better reception.

Environment

- Keep the product away from electrical noise generating devices, such as fluorescent lamps and motors.
- The product should be kept free from excessive smoke, dust, high temperature, and vibration.
- The product should not be exposed to direct sunlight.
- Do not place heavy objects on top of the product.
- When you leave the product unused for a long period of time, unplug the product from the power outlet.
- The product should be kept away from heat sources such as radiators, cookers, etc. It should not be placed in rooms where the temperature is less than 0 °C or greater than 40 °C. Damp basements should also be avoided.
- The maximum calling distance may be shortened when the product is used in the following places: Near obstacles such as hills, tunnels, underground, near metal objects such as wire fences, etc.
- Operating the product near electrical appliances may cause interference. Move away from the electrical appliances.

Routine care

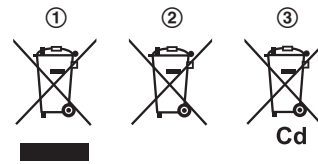
- **Wipe the outer surface of the product with a soft moist cloth.**
- Do not use benzine, thinner, or any abrasive powder.

Other information

Notice for product disposal, transfer, or return

- This product can store your private/confidential information. To protect your privacy/confidentiality, we recommend that you erase information such as phonebook or caller list entries from the memory before you dispose of, transfer, or return the product.

Information for Users on Collection and Disposal of Old Equipment and used Batteries



These symbols (①, ②, ③) on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.
For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC and 2006/66/EC.
By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.
For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.
Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union

These symbols (①, ②, ③) are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

Note for the battery symbol

This symbol (②) might be used in combination with a chemical symbol (③). In this case it complies with the requirement set by the Directive for the chemical involved.

Specifications

■ **Standard:**
DECT (Digital Enhanced Cordless Telecommunications),
GAP (Generic Access Profile)

■ **Frequency range:**
1.88 GHz to 1.90 GHz

■ **RF transmission power:**
Approx. 10 mW (average power per channel)

■ **Power source:**
220–240 V AC, 50 Hz

■ **Power consumption:**
Base unit[*1]:
Standby: Approx. 0.9 W
Maximum: Approx. 1.6 W
Base unit[*2]:
Standby: Approx. 1.0 W
Maximum: Approx. 2.0 W
Charger:
Standby: Approx. 0.2 W
Maximum: Approx. 3.2 W

■ **Operating conditions:**
0 °C – 40 °C, 20 % – 80 % relative air humidity (dry)

*1 KX-TG6451
*2 KX-TG6461

Note:

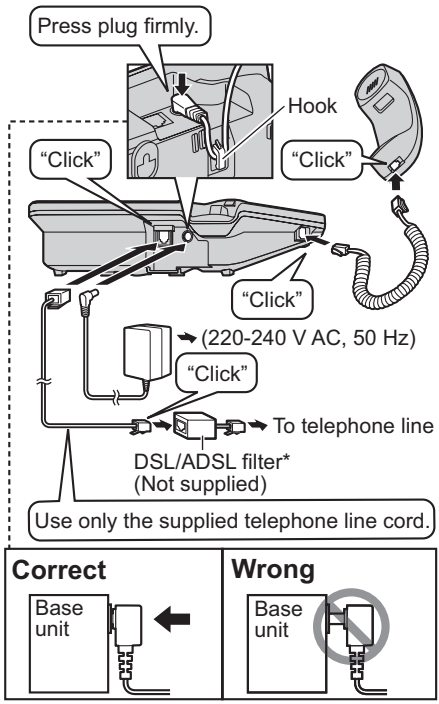
- Design and specifications are subject to change without notice.
- The illustrations in these instructions may vary slightly from the actual product.

Setting up

Connections

- Use only the supplied Panasonic AC adaptor PQLV219CE.

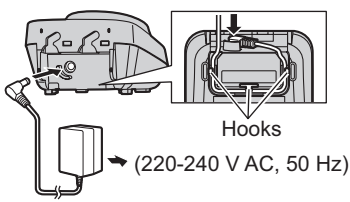
■ **Base unit**



*For DSL/ADSL service users

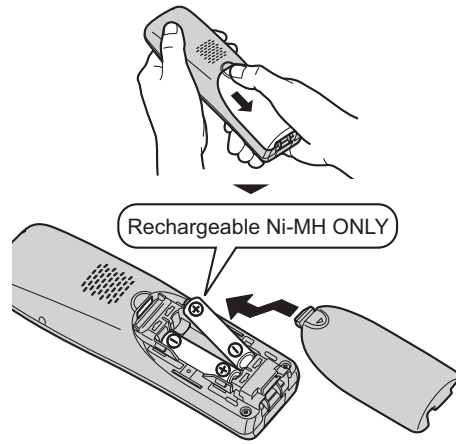
- When the language selection is displayed, see page 14.

■ **Charger**



Battery installation

- USE ONLY Ni-MH batteries AAA (R03) size.
- Do NOT use Alkaline/Manganese/Ni-Cd batteries.
- Confirm correct polarities (⊕, ⊖).

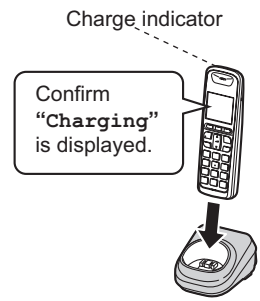


- When the language selection is displayed, see page 14.

Battery charge

Charge for about 7 hours.

- When the batteries are fully charged, the charge indicator goes off.



Note when setting up

Note for connections

- The AC adaptor must remain connected at all times. (It is normal for the adaptor to feel warm during use.)
- The AC adaptor should be connected to a vertically oriented or floor-mounted AC outlet. Do not connect the AC adaptor to a ceiling-mounted AC outlet, as the weight of the adaptor may cause it to become disconnected.

During a power failure

The base unit will work as a standard telephone using power from the telephone line, so you can make and answer outside calls with the corded handset. However, this operation may not work properly depending on area or telephone line's condition. The base unit speakerphone and the cordless handset will not function during a power failure.

Note for battery installation

- Use the supplied rechargeable batteries. For replacement, we recommend using the Panasonic rechargeable batteries noted on page 3, 5.
- Wipe the battery ends (⊕, ⊖) with a dry cloth.
- Avoid touching the battery ends (⊕, ⊖) or the unit contacts.

Note for battery charge

- It is normal for the handset to feel warm during charging.
- Clean the charge contacts of the handset and charger with a soft and dry cloth once a month. Clean more often if the unit is exposed to grease, dust, or high humidity.

Battery level

Icon	Battery level
	High
	Medium
	Low
	Needs charging.

Panasonic Ni-MH battery performance (supplied batteries)

Operation	Operating time
In continuous use	18 hours max.
Not in use (standby)	170 hours max.

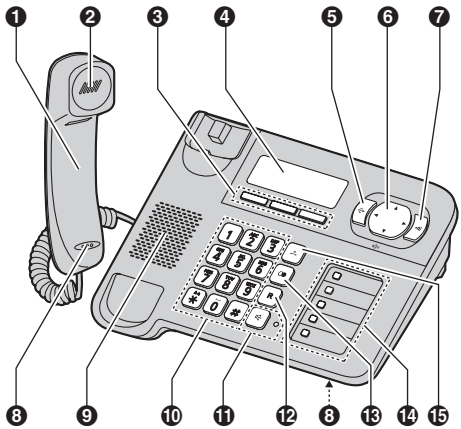
Note:

- It is normal for batteries not to reach full capacity at the initial charge. Maximum battery performance is reached after a few complete cycles of charge/discharge (use).
- Actual battery performance depends on a combination of how often the handset is in use and how often it is not in use (standby).
- Even after the handset is fully charged, the handset can be left on the charger without any ill effect on the batteries.
- The battery level may not be displayed correctly after you replace the batteries. In this case, place the handset on the charger and let it charge for at least 7 hours.

Controls

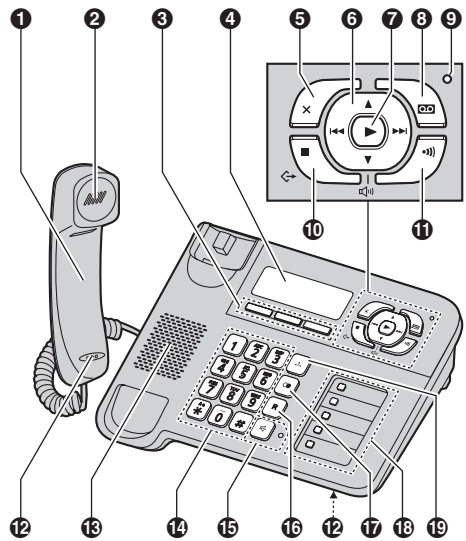
Base unit

■ KX-TG6451



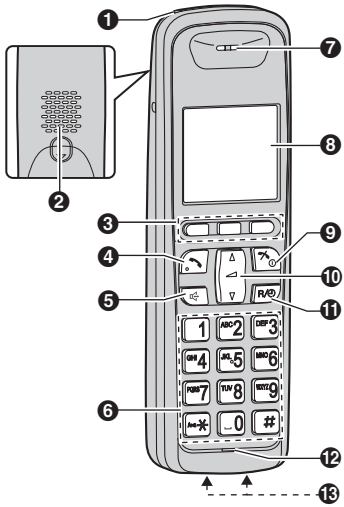
❶ Corded handset
❷ Receiver
❸ Soft keys
❹ Display
❺ 【⇦】(Exit)
❻ Navigator key (【▲】/【▼】)
🔊: Volume (【▲】/【▼】)
❼ 【•))】(Locator/Intercom)
❽ Microphone
❾ Speaker
❿ Dial keypad
⓫ 【🔊】(Speakerphone)
Speakerphone indicator
⓬ 【R】(Recall/Flash)
⓭ 【↺】(Redial) (Pause)
⓮ Speed dial buttons
⓯ 【⇅】(Hold)

■ KX-TG6461



❶ Corded handset
❷ Receiver
❸ Soft keys
❹ Display
❺ 【×】(Erase)
❻ Navigator key (【▲】/【▼】)
🔊: Volume (【▲】/【▼】)
Repeat/Skip (【⏮】/【⏭】)
❼ 【►】(Play)
Message indicator
❽ 【📼】(Answer on)
❾ Answer on indicator
❿ 【■】(Stop)/【⇦】(Exit)
⓫ 【•))】(Locator/Intercom)
⓬ Microphone
⓭ Speaker
⓮ Dial keypad
⓯ 【🔊】(Speakerphone)
Speakerphone indicator
⓰ 【R】(Recall/Flash)
⓱ 【↺】(Redial) (Pause)
⓲ Speed dial buttons
⓳ 【⇅】(Hold)

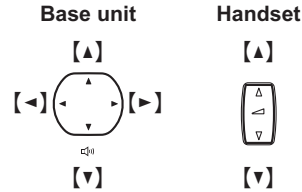
Handset



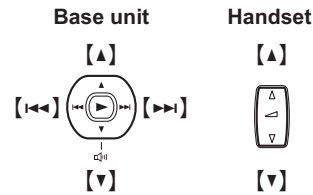
❶ **Charge indicator**
Ringer indicator
❷ **Speaker**
❸ **Soft keys**
❹ **【 】(Talk)**
❺ **【 】(Speakerphone)**
❻ **Dial keypad**
❼ **Receiver**
❽ **Display**
❾ **【 】(Off/Power)**
❿ **Navigator key (【▲】/【▼】)**
: Volume (【▲】/【▼】)
⓫ **【R/ 】**
R: Recall/Flash
: Alarm shortcut key
⓬ **Microphone**
⓭ **Charge contacts**

Using the navigator key/volume key (,)

■ **KX-TG6451**



■ **KX-TG6461**



■ **Scrolling through lists or items**
By pressing this key (【▲】or【▼】) repeatedly, you can scroll through (up or down) various lists or items.

■ **Adjusting the volume**
By pressing this key (【▲】or【▼】) repeatedly, you can adjust the receiver or speaker volume (up or down) while talking.

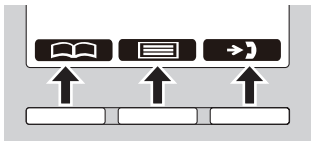
■ **Moving the cursor**
Base unit[*1]: 【▲】, 【▼】, 【◄】, or 【►】
Base unit[*2]: 【▲】, 【▼】, 【I◄◄】, or 【►►I】
Handset: 【▲】 or 【▼】
By pressing the above keys repeatedly, you can move the cursor to edit a number or name.

*1 KX-TG6451
*2 KX-TG6461

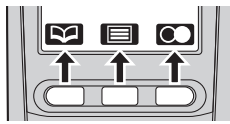
Soft keys

Each unit features 3 soft keys. By pressing a soft key, you can select the feature shown directly above it on the display.

Base unit



Handset



Display

Display items

Item	Meaning
•))	Paging, intercom mode.
	Handset is on an outside call.
	Ringer volume is off. (page 22, 24)
*1	New voice mail message received. (page 36)
*2	The recording time is set to **"Greeting Only"**. (page 35)
*2	When displayed with a number: New messages have been recorded. (page 32, 33)
*3	Missed call (page 29)
*3	Blocked call (page 26)
IN USE	• Someone is using the line. • The answering system is being operated from another user (handset) or remotely from an outside location.*2
*4	Within range of a base unit • When flashing: Handset is searching for base unit. (page 44)
*4	Alarm is on. (page 25)
*4	Privacy mode is on. (page 24)
*2, *4, *5	When displayed next to the battery icon: Answering system is on. (page 31)
*4	Battery level

*1 Voice mail subscribers only
*2 KX-TG6461
*3 Caller ID subscribers only
*4 Handset only
*5 When **"Greeting Only"** is selected and the answering system is turned on, is displayed on the handset instead of .

Soft key icons

Icon	Action
[Back]	Returns to the previous screen.
[Menu]	Displays the menu.
[OK]	Accepts the current selection.
[A/ß/Б]	Displays the character entry mode for phonebook search. (page 18)
[1/A/?]	Selects a character entry mode.
[X]	Erases the selected item.
[Switch]	Switches the screen. (page 29)
[C]	Erases a number/character.
[Mute]	Puts the call on mute.
[Phonebook]	Opens the phonebook.
[Call barred]	Stores phone numbers in the call barred list. (page 26)
[Edit] *1, *2	Edits the phone number during playback. (page 32)
[Caller list] *1	Opens the caller list.
[Redial] *3	Displays a previously dialled phone number.
[Key lock] *3	Turns the key lock feature off. (page 17)
[Stop] *2, *3	Stops recording or playback.
[P] *3	Inserts a dialling pause.
[Intercom] *3	Allows you to make an intercom call.

*1 Base unit only
*2 KX-TG6461
*3 Handset only

Turning the power on/off

Handset

Power on

Press 【Talk/Power】 for about 1 second.

Power off

Press 【Talk/Power】 for about 2 seconds.

Initial settings

Symbol meaning:

Symbol	Meaning
[Base unit]	Perform with the base unit.
[Handset]	Perform with the handset.
Example: 【▼】/【▲】: “Off”	Press 【▼】 or 【▲】 to select the words in quotations.

Region settings

You can set the unit to use settings that match your country (page 25). The display language and other settings will change accordingly.

Note:

- The display language only changes (to the selected country’s default setting) for the base unit and the handset used to select the region setting. You must change the display language for all other handsets separately.

Display language

16 display languages are available.

You can select “Deutsch”, “English”, “Magyar”, “Polski”, “Slovenčina”, “Čeština”, “Hrvatski”, “Slovenscina”, “Eesti”, “Lietuviškai”, “Latviešu”, “Română”, “Български”, “Srpski”, “Македонски”, or “Shqip”.

Base unit

Important:
- When the language selection is displayed after connecting the AC adaptor for the first time, perform step 5.

1 (middle soft key)
2 【▼】/【▲】: **“Base Unit Setup”** → OK
3 【▼】/【▲】: **“Display Setup”** → OK
4 【▼】/【▲】: **“Language”** → OK
5 【▼】/【▲】: Select your desired language. → OK → 【C】

If you select a language you cannot read

Important:
- If the unit is not in standby mode, press 【C】.

1 (middle soft key)
2 【▲】 3 times → OK 3 times → 【▼】/【▲】: Select your desired language. → OK → 【C】

Handset

Important:
- When the language selection is displayed after installing the batteries for the first time, perform step 5.

1 (middle soft key)
2 【▼】/【▲】: **“Handset Setup”** → OK
3 【▼】/【▲】: **“Display Setup”** → OK
4 【▼】/【▲】: **“Language”** → OK
5 【▼】/【▲】: Select your desired language. → OK → 【OFF】

If you select a language you cannot read

Important:
- If the unit is not in standby mode, press 【OFF】.

1 (middle soft key)
2 【▲】 4 times → OK
3 【▼】 2 times → OK 2 times → 【▼】/【▲】: Select your desired language. → OK → 【OFF】

Dialling mode

If you cannot make calls, change this setting according to your telephone line service. The default setting is **“Tone”**.
“Tone”: For tone dial service.
“Pulse”: For rotary/pulse dial service.

Handset

1 (middle soft key)
2 【▼】/【▲】: **“Base Unit Setup”** → OK
3 【▼】/【▲】: **“Dial Mode”** → OK
4 【▼】/【▲】: Select the desired setting. → OK → 【OFF】

Date and time

Handset

1 (middle soft key)
2 【▼】/【▲】: **“Handset Setup”** → OK
3 【▼】/【▲】: **“Time Settings”** → OK
4 【▼】/【▲】: **“Set Date/Time”** → OK
5 Enter the current date, month, and year. → OK
Example: 15 July, 2009
【1】【5】【0】【7】【0】【9】
6 Enter the current hour and minute.
Example: 9:30
【0】【9】【3】【0】
- You can select 24-hour or 12-hour clock format (**“AM”** or **“PM”**) by pressing 【*】.

7 OK → 【OFF】

Note:
- To correct a digit, press 【▲】 or 【▼】 to move the cursor to the digit, then make the correction.
- The date and time may be incorrect after a power failure. In this case, set the date and time again.

Making calls

Using the base unit

1 Dial the phone number.
- To correct a digit, press **C**.

2 Lift the corded handset.

3 When you finish talking, place the corded handset on the cradle.

Note:
- You can also dial the phone number after lifting the corded handset.

Using the speakerphone

1 During a conversation with the corded handset, press 【🔊】 to turn on the speakerphone.
- You can place the corded handset on the cradle.
- Speak into the base unit microphone.
- Speak alternately with the other party.

2 When you finish talking, press 【🔊】.

Note:
- For best performance, use the speakerphone in a quiet environment.
- To switch to the receiver, lift the corded handset.

Using the handset

1 Lift the handset and dial the phone number.
- To correct a digit, press **C**.

2 【📞】

3 When you finish talking, press 【⏻】 or place the handset on the charger.

Using the speakerphone

1 During a conversation, press 【🔊】 to turn on the speakerphone.
- Speak alternately with the other party.

2 When you finish talking, press 【⏻】.

Note:
- For best performance, use the speakerphone in a quiet environment.
- To switch back to the receiver, press 【📞】.

Adjusting the receiver or speaker volume

Base unit / Handset

Press 【▲】 or 【▼】 repeatedly while talking.

Making a call using the redial list

The last 10 phone numbers dialled are stored in the redial list in each unit (each 24 digits max.).

Base unit / Handset

1 Proceed with the operation for your unit.
Base unit: 【●】
Handset: (right soft key)

2 【▼】/【▲】: Select the desired phone number.

3 Proceed with the operation for your unit.
Base unit: Lift the corded handset.
Handset: 【📞】

Erasing a number in the redial list

1 Proceed with the operation for your unit.
Base unit: 【●】
Handset: (right soft key)

2 【▼】/【▲】: Select the desired phone number. → 【☰】 → **OK**

3 【▼】/【▲】: **"Yes"** → **OK**

4 Proceed with the operation for your unit.
Base unit: 【↩】
Handset: 【⏻】

Pause (for PBX/long distance service users)

A pause is sometimes required when making calls using a PBX or long distance service. When storing a calling card access number and/or PIN in the phonebook, a pause is also needed (page 19).

Base unit / Handset

Example: If you need to dial the line access number "0" when making outside calls with a PBX:

1 【0】

2 Proceed with the operation for your unit.
Base unit: 【●】
Handset: **P**

3 Dial the phone number.

4 Proceed with the operation for your unit.
Base unit: Lift the corded handset.
Handset: 【 】

Note:

- A 3 second pause is inserted each time 【 】 on the base unit or P on the handset is pressed. Repeat as needed to create longer pauses.

Answering calls

Using the base unit

When a call is being received, the speakerphone indicator flashes.

1 Lift the corded handset or press 【 】 when the unit rings.

2 When you finish talking, place the corded handset on the cradle. When the speakerphone is used, press 【 】.

Adjusting the base unit ringer volume

■ **While the base unit is ringing for an incoming call:**
Press 【▲】 or 【▼】 repeatedly to select the desired volume.

■ **Programming the volume beforehand:**

1 (middle soft key)
2 【▼】/【▲】: "Ringer Setup" → OK
3 【▼】/【▲】: "Ringer Volume" → OK
4 【▼】/【▲】: Select the desired volume.
5 OK → 【 】

Using the handset

When a call is being received, the ringer indicator flashes.

1 Lift the handset and press 【 】 or 【 】 when the unit rings.
- You can also answer the call by pressing any dial key from 【0】 to 【9】, 【✱】, or 【#】. **(Any key answer feature)**

2 When you finish talking, press 【 】 or place the handset on the charger.

Auto talk

You can answer calls simply by lifting the handset off the charger. You do not need to press 【 】. To turn this feature on, see page 23.

Adjusting the handset ringer volume

■ **While the handset is ringing for an incoming call:**
Press 【▲】 or 【▼】 repeatedly to select the desired volume.

■ **Programming the volume beforehand:**

1 (middle soft key)
2 【▼】/【▲】: "Handset Setup" → OK
3 【▼】/【▲】: "Ringer Setup" → OK
4 【▼】/【▲】: "Ringer Volume" → OK
5 【▼】/【▲】: Select the desired volume.
6 OK → 【 】

Useful features during a call

Hold

This feature allows you to put an outside call on hold.

Base unit

1 Press 【 】 during an outside call.
- If you are using the corded handset, you can place it on the cradle.

2 To release hold, lift the corded handset or press 【 】.
- A handset user can take the call by pressing 【 】.

Note:

- If a call is kept on hold for more than 9 minutes, the base unit starts to sound an alarm tone. After 1 additional minute on hold, the call is disconnected.
- If another phone is connected to the same line, you can also take the call by lifting its handset.
- While an outside call is on hold, the speakerphone indicator on the base unit flashes.

Mute

While mute is turned on, you can hear the other party, but the other party cannot hear you.

Base unit / Handset

1 Press during conversation.
- flashes.

2 To return to the conversation, press [X] again.

Recall/flash

Base unit / Handset

【R】 on the base unit or 【R/⏲】 on the handset allows you to use the special features of your host PBX such as transferring an extension call, or accessing optional telephone services.

Note:

- To change the recall/flash time, see page 24.

For call waiting or Call Waiting Caller ID service users

To use call waiting, you must first subscribe to the call waiting service of your service provider/ telephone company.

This feature allows you to receive calls while you are already talking on the phone. If you receive a call while on the phone, you will hear a call waiting tone.

If you subscribe to both Caller ID and Call Waiting with Caller ID services, the 2nd caller's information is displayed on the base unit or handset that is in use after you hear the call waiting tone.

Base unit / Handset

1 Press 【R】 on the base unit or 【R/⏲】 on the handset to answer the 2nd call.

2 To switch between calls, press 【R】 on the base unit or 【R/⏲】 on the handset.

Note:

- Please contact your service provider/telephone company for details and availability of this service in your area.

Temporary tone dialling (for rotary/pulse service users)

You can temporarily switch the dialling mode to tone when you need to access touch-tone services (for example, telephone banking services).

Base unit / Handset

1 Make a call.

2 Press 【✳】 when prompted to enter your code or PIN, then press the appropriate dial keys.

Note:

- The dialling mode will return to pulse when you hang up.

Call share

You can join an existing outside call.

Important:

- To prevent other users from joining your conversations with outside callers, turn the privacy mode on (page 24).

Base unit

To join the conversation, lift the corded handset when the handset is on an outside call.

Handset

To join the conversation, press 【↷】 when the other unit is on an outside call.

Note for base unit and handset:

- A maximum of 3 parties (including 1 outside party) can join a conversation.

Handset key lock

Handset

The handset can be locked so that no calls or settings can be made. Incoming calls can be answered, but all other functions are disabled while key lock is on.

To turn key lock on, press [≡] (middle soft key) for about 3 seconds.

- [🔒0] is displayed.
- To turn key lock off, press [🔒0] (middle soft key) for about 3 seconds.

Note:

- Calls to emergency numbers cannot be made until key lock is turned off.

Base unit/handset phonebook

The phonebook allows you to make calls without having to dial manually. You can add names and phone numbers to the base unit and handset phonebook independently.

– Base unit: up to 100 entries
– Handset: up to 100 entries

Adding entries

Base unit

1 (left soft key) → (menu)
2 【▼】/【▲】: "New Entry" → OK
3 Enter the party's name (16 characters max.). → OK
- You can change the character entry mode by pressing 1/A/? (page 39).

4 Enter the party's phone number (24 digits max.). → OK 2 times
- To add other entries, repeat from step 3.

5 【⇦】

Handset

1 (left soft key) → (menu)
2 【▼】/【▲】: "New Entry" → OK
3 Enter the party's name (16 characters max.). → OK
- You can change the character entry mode by pressing 1/A/? (page 39).

4 Enter the party's phone number (24 digits max.). → OK 2 times
- To add other entries, repeat from step 3.

5 【⏻】

Finding and calling a phonebook entry

Base unit / Handset

Scrolling through all entries

1 (left soft key)
2 【▼】/【▲】: Select the desired entry.
3 Proceed with the operation for your unit.
Base unit: Lift the corded handset.
Handset: 【📞】

Searching by first character (using a dial key)

1 (left soft key)
- Change the character entry mode if necessary:
  A/ß/B → 【▼】/【▲】: Select the character entry mode. → OK

2 Press the dial key (【0】 to 【9】) which contains the character you are searching for (page 39).
- Press the same dial key repeatedly to display the first entry corresponding to each character located on that dial key.
- If there is no entry corresponding to the character you selected, the next entry is displayed.

3 【▼】/【▲】: Scroll through the phonebook if necessary.
4 Proceed with the operation for your unit.
Base unit: Lift the corded handset.
Handset: 【📞】

Editing entries

Base unit

1 Find the desired entry (page 18). → (menu)
2 【▼】/【▲】: "Edit" → OK
3 Edit the name if necessary (16 characters max.; page 39). → OK
4 Edit the phone number if necessary (24 digits max.). → OK 2 times → 【⇦】

Handset

1 Find the desired entry (page 18). → MENU
2 【▼】/【▲】: "Edit" → OK
3 Edit the name if necessary (16 characters max.; page 39). → OK
4 Edit the phone number if necessary (24 digits max.). → OK 2 times → 【⏻】

Erasing entries

Base unit

Erasing an entry

1 Find the desired entry (page 18). → MENU
2 【▼】/【▲】: "Erase" → OK
3 【▼】/【▲】: "Yes" → OK → 【↩】

Erasing all entries

1 CONTACTS (left soft key) → MENU
2 【▼】/【▲】: "Erase All" → OK
3 【▼】/【▲】: "Yes" → OK
4 【▼】/【▲】: "Yes" → OK → 【↩】

Handset

Erasing an entry

1 Find the desired entry (page 18). → MENU
2 【▼】/【▲】: "Erase" → OK
3 【▼】/【▲】: "Yes" → OK → 【⏻】

Erasing all entries

1 CONTACTS (left soft key) → MENU
2 【▼】/【▲】: "Erase All" → OK
3 【▼】/【▲】: "Yes" → OK
4 【▼】/【▲】: "Yes" → OK → 【⏻】

Chain dial

This feature allows you to dial phone numbers in the phonebook while you are on a call. This feature can be used, for example, to dial a calling card access number or bank account PIN that you have stored in the phonebook, without having to dial manually.

Base unit / Handset

1 Proceed with the operation for your unit.
Base unit:
During an outside call, press CONTACTS.
Handset:
During an outside call, press MENU. → OK
2 【▼】/【▲】: Select the desired entry.
3 Press OK to dial the number.

Note:

- When storing a calling card access number and your PIN in the phonebook as one phonebook entry, press 【✱】 on the base unit or P on the handset to add pauses after the number and PIN as necessary (page 15).
- If you have rotary/pulse service, you need to press 【✱】 before pressing CONTACTS on the base unit or MENU on the handset in step 1 to change the dialling mode temporarily to tone. When adding entries to the phonebook, we recommend adding 【✱】 to the beginning of phone numbers you wish to chain dial (page 18).

Speed dial

You can assign 1 phone number from the phonebook to each of the 5 speed dial buttons.

Base unit

Assigning a phonebook entry to a speed dial button

1 Find the desired entry (page 18).
2 Press the speed dial button you want to assign to. → OK
   - If "Overwrite" is displayed, the button you selected has a phone number already assigned to it.
     To overwrite with the currently selected phone number, go to step 3.
     To select another button, press REDIAL, then repeat this step.
3 OK → 【↩】

Note:

- In step 2, you can also press MENU. → 【▼】/【▲】: "Speed Dial" → OK → 【▼】/【▲】: Select the desired speed dial button. → OK

- If a speed dial button has already been assigned, "✓" is displayed next to the button in step 2.

Making a call using a speed dial button

1 Press the desired speed dial button.

2 Lift the corded handset.

Note:

- In step 1, if no phone number is stored to the speed dial button, you can assign a number by pressing [📖] and continue from step 1, "Assigning a phonebook entry to a speed dial button", page 19.

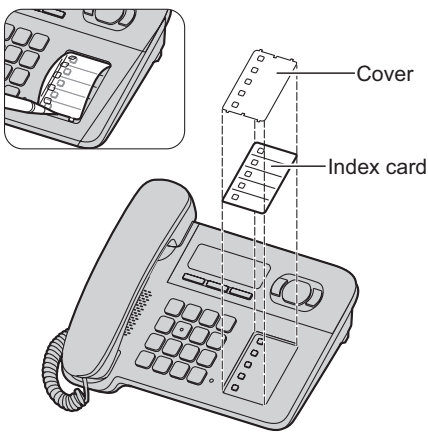
Cancelling a speed dial assignment

1 Press the desired speed dial button. → [☰] → OK

2 【▼】/【▲】: "Yes" → OK

Index card

Use the index card to record the names/phone numbers stored to the speed dial buttons.



Copying phonebook entries

You can copy phonebook entries:
– between the base unit and handset*1
– between 2 handsets*1

*1 Panasonic compatible handset

Copying an entry

Base unit

1 Find the desired entry (page 18). → [☰]

2 【▼】/【▲】: "Copy" → OK

3 Enter the handset number you wish to send the phonebook entry to.
- When an entry has been copied, "Completed" is displayed.
- To continue copying another entry: 【▼】/【▲】: "Yes" → OK → Find the desired entry. → OK

4 【↩】

Handset

1 Find the desired entry (page 18). → [☰]

2 【▼】/【▲】: "Copy" → OK

3 Enter 【0】 for the base unit or the handset number you wish to send the phonebook entry to.
- When an entry has been copied, "Completed" is displayed.
- To continue copying another entry: 【▼】/【▲】: "Yes" → OK → Find the desired entry. → OK

4 【⏻】

Copying all entries

Base unit

1 [📖] (left soft key) → [☰]

2 【▼】/【▲】: "Copy All" → OK

3 Enter the handset number you wish to send the phonebook entry to.
- When all entries have been copied, "Completed" is displayed.

4 【↩】

Handset

1 (left soft key) →

2 【▼】/【▲】: “**Copy All**” → OK

3 Enter 【0】 for the base unit or the handset number you wish to send the phonebook entry to.

- When all entries have been copied, “**Completed**” is displayed.

4 【⏻】

Programmable settings

You can customise the unit by programming the following features using the base unit or handset.

Programming by scrolling through the display menus

Base unit / Handset

1. (middle soft key)
2. Press 【▼】 or 【▲】 to select the desired main menu. → OK
3. Press 【▼】 or 【▲】 to select the desired item in sub-menu 1. → OK
   - In some cases, you may need to select from sub-menu 2. → OK
4. Press 【▼】 or 【▲】 to select the desired setting. → OK
   - This step may vary depending on the feature being programmed.
   - To exit the operation, press 【⇦】 on the base unit or 【⏻】 on the handset.

Note:

- In the following table, < > indicates the default settings.
- The current item or setting is highlighted on the display.

Base unit

Main menu	Sub-menu 1	Sub-menu 2	Page
Caller List	–	–	29
Answer System*1	Call Screening <On>	–	31
Ringer Setup	Ringer Volume*2 <Maximum>	–	16
	Ringtone <Ringtone 1>	–	–
Base Unit Setup	Display Setup	Language*3 <English>	14
		Contrast <Level 3>	–
Caller Barred*4	–	–	–

*1 KX-TG6461

*2 When the ringer volume is turned off, 🔕 is displayed and the base unit does not ring for outside calls. However even when the ringer volume is set to off, the base unit rings at the low level for intercom calls (page 37).

*3 The default display language will be as follows if you select the following regional codes when changing the unit's region setting (page 25):

"Other" = "English"
"Česká rep." = "Čeština"
"Slovensko" = "Slovenčina"

*4 If you program this setting using the base unit, you do not need to program the same item using a handset.

Handset

Main menu	Sub-menu 1	Sub-menu 2	Page
Caller List	–	–	29
Answer System[*1]	Play New Msg.	–	33
	Play All Msg.	–	33
	Erase All Msg.[*2]	–	33
	Greeting	Start REC[*2]	31
		Play Greeting	32
		Default[*2]	32
	Settings	Remote Code[*2]	33
		Number of Rings[*2] <4 Rings>	35
		Recording Time[*2] <3 Minutes>	35
		Call Screening <On>	31
	Answer On[*2]	–	31
	Answer Off[*2]	–	31
Handset Setup	Time Settings	Set Date/Time[*2]	14
		Alarm <Off>	25
		Time Adjust[*2, *3] (Caller ID subscribers only) <Manual>	–
	Ringer Setup	Ringer Volume[*4] <Maximum>	16
		Ringtone[*5, *6] <Ringtone 1>	–
	Display Setup	Language[*7] <English>	14
		Contrast <Level 3>	–
	Register H.set	–	27
	Keytones[*8] <On>	–	–
	Auto Talk[*9] <Off>	–	16

Main menu	Sub-menu 1	Sub-menu 2	Page
Base Unit Setup[*2]	**Dial Mode** **<Tone>**	–	14
	Privacy Mode[*10] **<Off>**	–	–
	Recall/Flash[*11, *12] **<600 msec.>**	–	17
	Base Unit PIN **<0000>**	–	25
	Repeater **<Off>**	–	28
	Country **<Other>**	–	25
Caller Barred[*2]	–	–	26

*1 KX-TG6461

*2 If you program these settings using one of the handsets, you do not need to program the same item using another unit.

*3 This feature allows the unit to automatically adjust the date and time each time caller information including date and time is received.
To turn this feature on, select **"Caller ID"**. To turn this feature off, select **"Manual"**.
To use this feature, set the date and time first (page 14).

*4 When the ringer volume is turned off, 🔕 is displayed and the handset does not ring for outside calls. However even when the ringer volume is set to off, the handset rings at the lowest level for alarm (page 25) and intercom calls (page 37), and rings at the highest level for paging (page 37).

*5 If you select one of the melody ringer tones, the ringer tone continues to play for several seconds even if the caller has already hung up. You may either hear a dial tone or no one on the line when you answer the call.

*6 The preset melodies in this product are used with permission of © 2007 Copyrights Vision Inc.

*7 The default display language will be as follows if you select the following regional codes when changing the unit's region setting (page 25):

"Other" = "English"
"Česká rep." = "Čeština"
"Slovensko" = "Slovenčina"

*8 Turn this feature off if you prefer not to hear key tones while you are dialling or pressing any keys, including confirmation tones and error tones.

*9 If you subscribe to a Caller ID service and want to view the caller's information after lifting up the handset to answer a call, turn off this feature.

*10To prevent other users from joining your conversations with outside callers, turn this feature on.

*11The recall/flash time depends on your telephone exchange or host PBX. Contact your PBX supplier if necessary.

*12When using the unit in Czech/Slovakia, select **"100 msec."** as the recall/flash time. If you change the unit's region setting/reset the base unit, the recall/flash time will be reset to the default setting. In this case, select **"100 msec."** again.

Special programming

Alarm

You can set one of 2 different alarm options (once or daily) at a time for each handset. An alarm sounds at the set time for 3 minutes.

Important:

- Set the date and time beforehand (page 14).

Handset

1. (middle soft key)
2. 【▼】/【▲】: **"Handset Setup"** → OK
3. 【▼】/【▲】: **"Time Settings"** → OK
4. 【▼】/【▲】: **"Alarm"** → OK
5. 【▼】/【▲】: Select the desired alarm option. → OK

"Off" Turns alarm off. Go to step 9.
"Once" An alarm sounds once at the set time.
"Daily" An alarm sounds daily at the set time. Go to step 7.

6. Enter the desired date and month. → OK
7. Set the desired time. → OK
8. 【▼】/【▲】: Select the desired alarm tone. → OK
   - We recommend selecting a different ringer tone to the one used for outside calls.
9. OK → 【✆⏻】
   - When the alarm is set, ◴ is displayed.

Note:

- You can skip to step 4 by pressing 【R/◴】 in standby mode.
- To stop the alarm, press any dial key or place the handset on the charger.
- When the handset is in use, the alarm will not sound until the handset is in standby mode.
- If you select **"Once"**, the setting changes to **"Off"** after the alarm sounds.

Changing the base unit PIN (Personal Identification Number)

Important:

- If you change the PIN, please make note of your new PIN. The unit will not reveal the PIN to you. If you forget your PIN, contact an authorised service centre.

Handset

1. (middle soft key)
2. 【▼】/【▲】: **"Base Unit Setup"** → OK
3. 【▼】/【▲】: **"Base Unit PIN"** → OK
4. Enter the current 4-digit base unit PIN (default: **"0000"**).
5. Enter the new 4-digit base unit PIN. → OK → 【✆⏻】

Changing the unit's region setting/Resetting the base unit

Handset

1. (middle soft key)
2. 【▼】/【▲】: **"Base Unit Setup"** → OK
3. 【▼】/【▲】: **"Country"** → OK
4. 【▼】/【▲】: Select the desired country. → OK

"**Other**" = countries except Czech and Slovakia
"Česká rep." = Czech
"**Slovensko**" = Slovakia

5. 【▼】/【▲】: **"Yes"** → OK → 【✆⏻】

Note:

- The following items will be deleted or reset to their default settings:
  - Base unit settings (page 22, 24)
  - Answering system settings (KX-TG6461, page 34)
  - Time Adjustment
  - Caller list
  - Voice mail messages
  - Ringer setup (Base unit, page 22)
- The following items will be retained:
  - Date and time
  - Repeater mode

– Recordings, including your greeting message and caller messages (KX-TG6461)
– Call screening (KX-TG6461)
– Call barred list

- If you select the desired country in step 4, the following default settings will be changed for the selected country's default settings:
  – Display language (page 22, 23)
- According to your country selection in step 4, the answering system announcement language changes as follows (KX-TG6461):

– "Other"	= English
– "Česká rep."	= Czech
– "Slovensko"	= Slovak

- After changing the unit's region setting/resetting the base unit, certain icons displayed on the base unit disappears for a moment and ⊤ flashes on the handset momentarily. This is normal and the handset can be used once ⊤ stops flashing.

Incoming call barring (Caller ID subscribers only)

This feature allows the unit to reject calls from specified phone numbers that you do not want to answer such as junk calls.
When a call is received, the unit does not ring while the caller is being identified. If the phone number matches an entry in the call barred list, the unit sends out a busy tone to the caller, and then disconnects the call.
Program this setting using either the base unit or one of the handsets.

Important:

- When the unit receives a call from a number that is stored in the call barred list, the call is logged in the caller list (page 29) with ✕ after the call is disconnected.

Storing unwanted callers

You can store up to 30 phone numbers in the call barred list by using the caller list or by entering the numbers directly.

Important:

- It is advised to store the phone number with an area code in the call barred list.

Base unit

■ **From the caller list:**

1 (right soft key)
2 【▼】/【▲】: Select the entry to be barred. →
3 【▼】/【▲】: "Add Bar List" → OK
4 【⇦】

■ **By entering phone numbers:**

1 (middle soft key)
2 【▼】/【▲】: "Caller Barred" → OK →
3 Enter the phone number (24 digits max.). → OK
   - To erase a digit, press C.
4 【⇦】

Handset

■ **From the caller list:**

1 (middle soft key)
2 【▼】/【▲】: "Caller List" → OK
3 【▼】/【▲】: Select the entry to be barred. →
4 【▼】/【▲】: "Add Bar List" → OK
5 【OFF】

■ **By entering phone numbers:**

1 (middle soft key)
2 【▼】/【▲】: "Caller Barred" → OK →
3 Enter the phone number (24 digits max.). → OK
   - To erase a digit, press C.
4 【OFF】

Viewing/editing/erasing bar call numbers

Base unit

1 (middle soft key)
2 【▼】/【▲】: "Caller Barred" → OK
3 【▼】/【▲】: Select the desired entry.
   - To exit, press 【⇦】.
4 Proceed with the desired operation.

■ **Editing a number:**
 → 【▼】/【▲】: "Edit" → OK → Edit the phone number. → OK → 【⇦】

■ **Erasing a number:**
C → 【▼】/【▲】: "Yes" → OK → 【⇦】

Handset

1 (middle soft key)
2 【▼】/【▲】: "Caller Barred" → OK
3 【▼】/【▲】: Select the desired entry.
- To exit, press 【⏻】.

4 Proceed with the desired operation.

■ **Editing a number:**
(middle soft key) → 【▼】/【▲】: "Edit" → OK → Edit the phone number. → OK → 【⏻】

■ **Erasing a number:**
C → 【▼】/【▲】: "Yes" → OK → 【⏻】

Note for base unit and handset:

- When editing, press the desired dial key to add, C to erase.

Registering a unit

Operating additional units

Additional handsets

Up to 6 handsets can be registered to the base unit.

Important:

- The additional handset model recommended for use with this unit is noted on page 4. If another handset model is used, certain operations (base unit settings, handset settings, etc.) may not be available.

Registering a handset to the base unit

The supplied handset and base unit are pre-registered. If for some reason the handset is not registered to the base unit (for example, Y flashes even when the handset is near the base unit), re-register the handset.

1 **Handset:**
(middle soft key)
2 【▼】/【▲】: "Handset Setup" → OK
3 【▼】/【▲】: "Register H.set" → OK
4 **Base unit:**
Press and hold 【•))】 for about 5 seconds, until the registration tone sounds.
- If all registered handsets start ringing, press the same button to stop. Then repeat this step.
- The next step must be completed within 90 seconds.

5 **Handset:**
Wait until "Base PIN" is displayed. → Enter the base unit PIN (default: "0000"). → OK
- If you forget your PIN, contact an authorised service centre.
- When the handset has been registered successfully, Y stops flashing.

Note:

- When you purchase an additional handset, refer to the additional handset's installation manual for registration.

Deregistering a handset

A handset can cancel its own registration (or the registration of another handset) that is stored to the base unit. This allows the handset to end its wireless connection with the system.

Handset

1 (middle soft key)
2 【▼】/【▲】: "Base Unit Setup" → OK
3 【3】【3】【5】
4 【▼】/【▲】: "Cancel Register" → OK
- The numbers of all handsets registered to the base unit are displayed.

5 Select the handset(s) you want to cancel by pressing the desired handset number. → OK
- The selected handset number(s) flashes.
- To cancel a selected handset number, press the number again. The number stops flashing.

6 【▼】/【▲】: "Yes" → OK
- A confirmation tone sounds as each handset number disappears.
- The handset does not beep when cancelling its own registration.

7 【⏻】

Increasing the range of the base unit

You can increase the signal range of the base unit by using a DECT repeater. Please use only the Panasonic DECT repeater noted on page 3. Contact your Panasonic dealer for details.

Important:

- Before registering the repeater to this base unit, you must turn the repeater mode on.
- Do not use more than one repeater at a time.

Setting the repeater mode

Handset

1. (middle soft key)
2. 【▼】/【▲】: “Base Unit Setup” → OK
3. 【▼】/【▲】: “Repeater” → OK
4. 【▼】/【▲】: Select the desired setting. → OK → 【⏻】

Note:

- After turning repeater mode on or off, certain icons displayed on the base unit disappears for a moment and Y flashes on the handset momentarily. This is normal and the handset can be used once Y stops flashing.

Using Caller ID service

Important:

- This unit is Caller ID compatible. To use Caller ID features, you must subscribe to a Caller ID service. Contact your service provider/ telephone company for details.

Caller ID features

When an outside call is being received, the caller's phone number is displayed.
Caller information for the last 50 callers is logged in the caller list from the most recent call to the oldest.

- If the unit cannot receive caller information, the following is displayed:
  - **"Out of Area"**: The caller dials from an area which does not provide a Caller ID service.
  - **"Private Caller"**: The caller requests not to send caller information.
- If the unit is connected to a PBX system, caller information may not be properly received. Contact your PBX supplier.

Missed calls

If a call is not answered, the unit treats it as a missed call and ➔) is displayed. This lets you know if you should view the caller list to see who called while you were away.
Even if only one missed call in the caller list is viewed (page 29), ➔) disappears from the display. When you receive another new call, ➔) is displayed again.

Phonebook name display

When caller information is received and it matches a phone number stored in the phonebook, the stored name in the phonebook is displayed and logged in the caller list.

Caller list

Important:

- Only 1 person can access the caller list at a time.
- Make sure the unit's date and time setting is correct (page 14).

Viewing the caller list and calling back

Base unit

1. ➔) (right soft key)
2. Press 【▼】 to search from the most recent call, or 【▲】 to search from the oldest call.
   - If the other party's name is displayed on the screen, you can switch the screen between the name and its phone number by pressing repeatedly.
3. To call back, lift the corded handset.
   To exit, press 【⇦】.

Handset

1. ▤ (middle soft key)
2. 【▼】/【▲】: **"Caller List"** → OK
3. Press 【▼】 to search from the most recent call, or press 【▲】 to search from the oldest call.
   - If the other party's name is displayed on the screen, you can switch the screen between the name and its phone number by pressing repeatedly.
4. To call back, press 【✆】.
   To exit, press 【✆ⓘ】.

Note for base unit and handset:

- If the entry has already been viewed or answered, "✓" is displayed, even if it was viewed or answered using another unit.

Editing a caller's phone number before calling back

Base unit

1. ➔) (right soft key)
2. 【▼】/【▲】: Select the desired entry.
   - If the other party's name is displayed on the screen, you can switch the screen between the name and its phone number by pressing repeatedly.
3. ▤ → 【▼】/【▲】: **"Edit & Call"** → OK
4. Edit the number.
   - Press dial key (【0】 to 【9】) to add, C to delete.
5. Lift the corded handset.

Handset

1 (middle soft key)
2 【▼】/【▲】: “Caller List” → OK
3 【▼】/【▲】: Select the desired entry.
- If the other party’s name is displayed on the screen, you can switch the screen between the name and its phone number by pressing repeatedly.

4 → 【▼】/【▲】: “Edit & Call” → OK
5 Edit the number.
- Press dial key (【0】 to 【9】) to add, C to delete.

6 【】

Erasing selected caller information

Base unit

1 (right soft key)
2 【▼】/【▲】: Select the desired entry. → X
3 【▼】/【▲】: “Yes” → OK → 【】

Handset

1 (middle soft key)
2 【▼】/【▲】: “Caller List” → OK
3 【▼】/【▲】: Select the desired entry. → X
4 【▼】/【▲】: “Yes” → OK → 【】

Erasing all caller information

Base unit

1 (right soft key) → X
2 【▼】/【▲】: “Yes” → OK → 【】

Handset

1 (middle soft key)
2 【▼】/【▲】: “Caller List” → OK → X
3 【▼】/【▲】: “Yes” → OK → 【】

Storing caller information to the phonebook

Base unit

1 (right soft key)
2 【▼】/【▲】: Select the desired entry.
3 → 【▼】/【▲】: “Add Phonebook” → OK
4 Continue from step 3, “Adding entries”, page 18.

Handset

1 (middle soft key)
2 【▼】/【▲】: “Caller List” → OK
3 【▼】/【▲】: Select the desired entry.
4 → 【▼】/【▲】: “Add Phonebook” → OK
5 Continue from step 3, “Adding entries”, page 18.

Answering system

Available for:
KX-TG6461

The answering system can answer and record calls for you when you are unavailable to answer the phone.
You can also set the unit to play a greeting message but not to record caller messages by selecting **"Greeting Only"** as the recording time setting (page 35).

Important:

- Only 1 person can access the answering system (listen to messages, record a greeting message, etc.) at a time.
- When callers leave messages, the unit records the day and time of each message. Make sure the date and time have been set correctly (page 14).

Memory capacity

The total recording capacity (including your greeting message) is about 17 minutes. A maximum of 64 messages can be recorded.

Note:

- If message memory becomes full:
  - **"Messages Full"** is shown on the base unit and handset display.
  - The answer on indicator on the base unit flashes rapidly when the answering system is turned on.
- When the message memory becomes full:
  - If you use the pre-recorded greeting message, the unit automatically switches to another pre-recorded greeting message asking callers to call again later.
  - If you recorded your own greeting message, the same message is still announced to callers even though their messages are not recorded.

Turning the answering system on/off

Base unit

Press 【📼】 to turn on/off the answering system.

Handset

1 (middle soft key)
2 【▼】/【▲】: **"Answer System"** → OK
3 【▼】/【▲】: Select **"Answer On"** or **"Answer Off"**. → OK → 【↘⏻】

Note for base unit and handset:

- When the answering system is turned on, the answer on indicator on the base unit lights up and 📼 is displayed next to the battery icon on the handset.

Call screening

Base unit / Handset

While a caller is leaving a message, you can listen to the call through the base unit's or handset's speaker. To adjust the speaker volume, press 【▲】 or 【▼】 repeatedly.
You can answer the call by lifting the corded handset from the base unit or pressing 【📞】 on the handset. Call screening can be set for each handset and/or base unit.

Note:

- To turn this feature off, see page 35.

Greeting message

When the unit answers a call, a greeting message is played to callers.
You can use either:
– your own greeting message
– a pre-recorded greeting message

Recording your greeting message

Handset

1 (middle soft key)
2 【▼】/【▲】: **"Answer System"** → OK

3 【▼】/【▲】: “Greeting” → OK
4 【▼】/【▲】: “Start REC” → OK
5 【▼】/【▲】: “Yes” → OK
6 After a beep sounds, hold the handset about 20 cm away and speak clearly into the microphone (50 seconds max.).
7 Press ■ to stop recording.
8 【⏻】

Using a pre-recorded greeting message

The unit provides 2 pre-recorded greeting messages:
– If you erase or do not record your own greeting message, the unit plays a pre-recorded greeting asking callers to leave a message.
– If the message recording time (page 35) is set to “Greeting Only”, callers’ messages are not recorded and the unit plays a different pre-recorded greeting message asking callers to call again.

Erasing your greeting message (Resetting to a pre-recorded greeting message)

If you want to use a pre-recorded greeting message once you record your own greeting message, you need to erase your own greeting message.

Handset

1 ☰ (middle soft key)
2 【▼】/【▲】: “Answer System” → OK
3 【▼】/【▲】: “Greeting” → OK
4 【▼】/【▲】: “Default” → OK 2 times
5 【⏻】

Playing back the greeting message

Handset

1 ☰ (middle soft key)
2 【▼】/【▲】: “Answer System” → OK
3 【▼】/【▲】: “Greeting” → OK
4 【▼】/【▲】: “Play Greeting” → OK
5 【⏻】

Listening to messages using the base unit

When new messages have been recorded:
– 📼 is displayed with the total number of new messages.
– The message indicator on the base unit flashes.

Press 【►】.

- If new messages have been recorded, the base unit plays back new messages.
- If there are no new messages, the base unit plays back all messages.

Note:

- If “Messages Full” is shown on the display, 📼 and the total number of new messages are not displayed.

Operating the answering system during playback

Key	Operation
【▲】or【▼】	Adjust the speaker volume
【⏮】	Repeat message*1
【⏭】	Skip message
【⏺】	Pause message To resume playback, press 【►】.
【■】	Stop playback
【×】	Erase currently playing message

*1 If pressed within the first 5 seconds of a message, the previous message is played.

Calling back (Caller ID subscribers only)

If caller information was received for the call, you can call the caller back while listening to a message.
Lift the corded handset during playback.

- To edit the number before calling back, press 📖 (page 29).

Erasing all messages

Press 【×】2 times while the unit is not in use.

Listening to messages using the handset

When new messages have been recorded, ✉ is displayed with the total number of new messages.

1 [MENU] (middle soft key)
2 [▼]/[▲]: "Answer System" → OK
3 [▼]/[▲]: Select "Play New Msg." or "Play All Msg.". → OK
4 When finished, press [OFF].

Note:

- To switch to the receiver, press [TALK].
- If "Messages Full" is shown on the display, ✉ and the total number of new messages are not displayed.

Operating the answering system

You can also operate the answering system by pressing dial keys or soft keys on the handset. To use the following commands:
[MENU] (middle soft key) → [▼]/[▲]: "Answer System" → OK

Key	Operation
[▲] or [▼]	Adjust the receiver or speaker volume (during playback)
[1]	Repeat message (during playback)*1
[2]	Skip message (during playback)
[3]	Enter the answering device setting menu.*2
[4]	Play new messages
[5]	Play all messages
[6]	Play greeting message
[7][6]	Record greeting message
[8]	Turn answering system on
[9] or [■]	Stop recording Stop playback
[0]	Turn answering system off
[✱][4]*3	Erase currently playing message
[✱][5]	Erase all messages
[✱][6]	Erase greeting message*4

*1 If pressed within the first 5 seconds of a message, the previous message is played.
*2 "Remote Code" is displayed first.
*3 You can also erase as follows:
[✕] → [▼]/[▲]: "Yes" → OK
*4 Unit resets to a pre-recorded greeting message.

Calling back (Caller ID subscribers only)

If caller information is received for the call, you can call the caller back while listening to a message.

1 Press [MENU] during playback.
2 [▼]/[▲]: "Call Back" → OK

Editing the number before calling back

1 Press [MENU] during playback.
2 [▼]/[▲]: "Edit & Call" → OK
3 Edit the number. → [TALK]

Erasing all messages

1 [MENU] (middle soft key)
2 [▼]/[▲]: "Answer System" → OK
3 [▼]/[▲]: "Erase All Msg." → OK
4 [▼]/[▲]: "Yes" → OK → [OFF]

Remote operation

Using a touch-tone phone, you can call your phone number from outside and access the unit to listen to messages or change answering system settings.

Remote access code

A 3-digit remote access code must be entered when operating the answering system remotely. This code prevents unauthorised parties from listening to your messages remotely.

Important:

- In order to operate the answering system remotely, you must first set a remote access code.

Handset

1 (middle soft key)
2 【▼】/【▲】: “Answer System” → OK
3 【▼】/【▲】: “Settings” → OK
4 【▼】/【▲】: “Remote Code” → OK
5 To turn on remote operation, enter the desired 3-digit remote access code.
- To turn off remote operation, press 【✳】.

6 OK → 【☎】

Using the answering system remotely

1 Dial your phone number from a touch-tone phone.
2 After the greeting message starts, enter your remote access code.
- The unit announces the number of new messages.

3 Enter remote commands.
4 When finished, hang up.

Note:
- You can also leave a message just as any outside caller can. After the greeting message starts, press 【✳】 to skip the greeting message and record your message after the beep.

Remote commands

Key	Operation
【1】	Repeat message (during playback)*1
【2】	Skip message (during playback)
【4】	Play new messages
【5】	Play all messages
【6】	Play greeting message
【7】	Record a greeting message
【9】	Stop recording Stop playback
【0】	Turn answering system off
【✳】【4】	Erase currently playing message
【✳】【5】	Erase all messages
【✳】【6】	Erase greeting message (during greeting message playback)*2
【✳】【#】	End remote operation (or hang up)

*1 If pressed within the first 5 seconds of a message, the previous message is played.
*2 Unit resets to a pre-recorded greeting message.

Turning on the answering system remotely

If the answering system is off, you can turn it on remotely.

1 Dial your phone number from a touch-tone phone.
2 Let the phone ring 9 times.
- A long beep is heard.

3 Enter your remote access code within 10 seconds after the long beep.
- The greeting message is played back.
- You can either hang up, or enter your remote access code again and begin remote operation (page 33).

Answering system settings

If the base unit is reset to its default settings (page 25), the following answering system-related settings will be reset.

Setting (default setting)	Page
Answering system on/off (On)	31
Remote access code (—)	33
Number of rings (4 Rings)	35
Caller’s recording time (3 Minutes)	35
Call screening*1, *2 (Base unit: On) (Handset: On)	35

*1 Call screening can be set for each unit.
*2 This setting will be retained when the base unit is reset.

Number of rings before the unit answers a call

You can change the number of times the phone rings **"Number of Rings"** before the unit answers a call. You can select 2 to 6 rings, or **"Auto"**.

"Auto": The unit's answering system answers at the end of the 2nd ring when new messages have been recorded, or at the end of the 5th ring when there are no new messages. If you call your phone from outside to listen to new messages (page 33), you know that there are no new messages when the phone rings for the 3rd time. You can then hang up without being charged for the call.

Handset

1 (middle soft key)
2 【▼】/【▲】: **"Answer System"** → OK
3 【▼】/【▲】: **"Settings"** → OK
4 【▼】/【▲】: **"Number of Rings"** → OK
5 【▼】/【▲】: Select the desired setting. → OK → 【✂⏻】

For voice mail service subscribers

To receive voice mail and use answering system properly, please note the following:

- To use the voice mail service (page 36) provided by your service provider/telephone company rather than the unit's answering system, turn off the answering system (page 31).
- To use this unit's answering system rather than the voice mail service provided by your service provider/telephone company, please contact your service provider/telephone company to deactivate your voice mail service.

  If your service provider/telephone company cannot do this:
  - Set this unit's **"Number of Rings"** setting so that this unit's answering system answers calls before the voice mail service of your service provider/telephone company does. It is necessary to check the number of rings required to activate the voice mail service provided by your service provider/telephone company before changing this setting.
  - Change the number of rings of the voice mail service so that the answering system can answer the call first. To do so, contact your service provider/telephone company.

Caller's recording time

You can change the maximum message recording time allotted to each caller. You can also select **"Greeting Only"** which sets the unit to greet callers but not record messages.

Handset

1 (middle soft key)
2 【▼】/【▲】: **"Answer System"** → OK
3 【▼】/【▲】: **"Settings"** → OK
4 【▼】/【▲】: **"Recording Time"** → OK
5 【▼】/【▲】: Select the desired setting. → OK → 【✂⏻】

Note:

- When you select **"Greeting Only"**:
  - If you do not record your own message, the unit will play the pre-recorded greeting-only message asking callers to call again later.
  - If you use your own message, record the greeting-only message asking callers to call again later (page 31).
- When **"Greeting Only"** is selected, is displayed on the base unit and handset.

Turning the call screening on/off

You can set the call screening feature **"On"** or **"Off"**. For details, see page 31.

Base unit

1 (middle soft key)
2 【▼】/【▲】: **"Answer System"** → OK
3 【▼】/【▲】: **"Call Screening"** → OK
4 【▼】/【▲】: Select the desired setting. → OK → 【↩】

Handset

1 (middle soft key)
2 【▼】/【▲】: **"Answer System"** → OK
3 【▼】/【▲】: **"Settings"** → OK
4 【▼】/【▲】: **"Call Screening"** → OK
5 【▼】/【▲】: Select the desired setting. → OK → 【✂⏻】

Voice mail service

Voice mail is an automatic answering service offered by your service provider/telephone company. After you subscribe to this service, your service provider/telephone company's voice mail system answers calls for you when you are unavailable to answer the phone or when your line is busy. Messages are recorded by your service provider/telephone company, not your telephone. When you have new messages, ✉ is shown on the display if message indication service is available. Please contact your service provider/ telephone company for details of this service.

Important:

- If ✉ still remains on the display even after you have listened to new messages, turn it off by pressing and holding **【#】** for 2 seconds on the handset.
- To use the voice mail service provided by your service provider/telephone company rather than the unit's answering system, turn off the answering system (page 31). For details, see page 35. (KX-TG6461)

Intercom

Intercom calls can be made:
– between the base unit and handset
– between handsets

Note:

- If you receive an outside call while talking on the intercom, you hear interrupt tones.
  – To answer the call with the base unit, place the corded handset on the cradle, then lift it again. If the speakerphone is used, press 【🔊】 2 times.
  – To answer the call with the handset, press 【OFF】, then press 【TALK】.
- When paging unit(s), the paged unit(s) beeps for 1 minute.

Making an intercom call

Base unit

1 Proceed with the desired operation.
■ **When 1 handset is registered:**
Press 【📢】.
■ **When 2 or more handsets are registered:**
Press 【📢】.
– To page a specific handset, enter the handset number.
– To page all handsets, press 【0】 or wait for a few seconds.
- Lift the corded handset if needed.
- To stop paging, press 【📢】.

2 When you finish talking, press 【📢】 or place the corded handset on the cradle.

Handset

1 (middle soft key) → 📢

2 To page the base unit, press 【0】.
To page another handset, enter its extension number.
- To stop paging, press 【OFF】.

3 When you finish talking, press 【OFF】.

Answering an intercom call

Base unit

1 Lift the corded handset or press 【📢】 to answer the page.

2 When you finish talking, place the corded handset on the cradle or press 【📢】.

Handset

1 Press 【TALK】 to answer the page.

2 When you finish talking, press 【OFF】.

Handset locator

You can locate a misplaced handset by paging it.

1 **Base unit:**
【📢】
- All registered handsets beep for 1 minute.

2 To stop paging:
Base unit:
Press 【📢】.
Handset:
Press 【TALK】, then press 【OFF】.

Transferring calls, conference calls

Outside calls can be transferred or a conference call with an outside party can be made:
– between the base unit and handset
– between 2 handsets

Base unit

1 Proceed with the desired operation.
■ **When 1 handset is registered:**
During an outside call, press 【📢】.
■ **When 2 or more handsets are registered:**
During an outside call, press 【📢】.
– To page a specific handset, enter the handset number.
– To page all handsets, press 【0】 or wait for a few seconds.
- 📞 flashes to indicate the outside call is on hold.

2 Wait for the paged party to answer.
- If paged party does not answer, press 【•))】 to return to the outside call.

3 Proceed with the desired operation.

■ **To transfer the call:**
Place the corded handset on the cradle.
- The outside call is being routed to the handset.

■ **To establish a conference call:**
Press 【3】.
- To leave the conference, place the corded handset on the cradle. The other parties can continue the conversation.
- To put the outside call on hold, press 【⇅】. To resume the conference, press 【3】.

Handset

1 During an outside call, press [•))] to put the call on hold.
- flashes to indicate the outside call is on hold.

2 To page the base unit, press 【0】.
To page another handset, enter its extension number.

3 Wait for the paged party to answer.
- If the paged party does not answer, press [•))] to return to the outside call.

4 Proceed with the desired operation.

■ **To transfer the call:**
Press 【↗】.
- The outside call is routed to the destination unit.

■ **To establish a conference call:**
Press 【3】.
- To leave the conference, press 【↗】. The other parties can continue the conversation.

Transferring a call without speaking to the other handset or base unit user

Base unit

1 Proceed with the desired operation.

■ **When 1 handset is registered:**
During an outside call, press 【•))】.

■ **When 2 or more handsets are registered:**
During an outside call, press 【•))】.
- To page a specific handset, enter the handset number.
- To page all handsets, press 【0】 or wait for a few seconds.

- flashes to indicate the outside call is on hold.

2 Place the corded handset on the cradle.
- The outside call rings at the other unit.

Handset

1 During an outside call, press [•))] to put the call on hold.
- flashes to indicate the outside call is on hold.

2 To page the base unit, press 【0】.
To page another handset, enter its extension number.

3 【↗】
- The outside call rings at the other unit.

Note for base unit and handset:
- If the other user does not answer the call within 1 minute, the call rings at your unit again.

Answering a transferred call

Base unit

Lift the corded handset or press 【🔊】 to answer the page.

Handset

Press 【↘】 to answer the page.

Note for base unit and handset:
- After the paging party disconnects, you can talk to the outside caller.

Character entry

Base unit / Handset

The dial keys are used to enter characters and numbers. Each dial key has multiple characters assigned to it. The characters that can be entered depend on the character entry mode (page 39).

– **Base unit*1:** Press 【◄】 or 【►】 to move the cursor left or right.
Base unit*2: Press 【⏮】 or 【⏭】 to move the cursor left or right.
Handset: Press 【▲】 or 【▼】 to move the cursor left or right.
– Press dial keys to enter characters and numbers.
– Press C to erase the character or number highlighted by the cursor. Press and hold C to erase all characters or numbers.
– Press 【✱】 to switch between uppercase and lowercase.
– To enter another character that is located on the same dial key:
Base unit*1: Press 【►】 to move the cursor to the next space.
Base unit*2: Press 【⏭】 to move the cursor to the next space.
Handset: Press 【▼】 to move the cursor to the next space.

*1 KX-TG6451
*2 KX-TG6461

Note for handset:

- If you do not press any dial key within 5 seconds after entering a character, the character is fixed and the cursor moves to the right.

Character entry modes

The available character entry modes are Alphabet (ABC), Numeric (0-9), Greek (ΑΒΓ), Extended 1 (AÄÅ), Extended 2 (SŚŠ), and Cyrillic (АБВ). When in these entry modes except Numeric, you can select which character is entered by pressing a dial key repeatedly.

When the unit displays the character entry screen:
1/A/? (right soft key) ⟶ 【▼】/【▲】: Select a character entry mode. ⟶ OK

Alphabet character table (ABC)

0	1	ABC 2	DEF 3	GHI 4	JKL 5	MNO 6	PQRS 7	TUV 8	WXYZ 9
Space 0	Space # & ’ ( ) ✱ , - . / 1	A B C 2 a b c 2	D E F 3 d e f 3	G H I 4 g h i 4	J K L 5 j k l 5	M N O 6 m n o 6	P Q R S 7 p q r s 7	T U V 8 t u v 8	W X Y Z 9 w x y z 9

Numeric entry table (0-9)

0	1	ABC 2	DEF 3	GHI 4	JKL 5	MNO 6	PQRS 7	TUV 8	WXYZ 9
0	1	2	3	4	5	6	7	8	9

Greek character table (ΑΒΓ)

0	1	ABC 2	DEF 3	GHI 4	JKL 5	MNO 6	PQRS 7	TUV 8	WXYZ 9
Space 0	Space # & ’ ( ) ✱ , - . / 1	Α Β Γ 2	Δ Ε Ζ 3	Η Θ Ι 4	Κ Λ Μ 5	Ν Ξ Ο 6	Π Ρ Σ 7	Τ Υ Φ 8	Χ Ψ Ω Ϗ 9

Extended 1 character table (AÄÅ)

0	1	ABC 2	DEF 3	GHI 4	JKL 5	MNO 6	PQRS 7	TUV 8	WXYZ 9
Space 0	Space # & ' ( ) ∗ , - . / 1	A À Á Â Ã Ä Å Æ B C Ç 2	D E È É Ê Ë Ē F 3	G Ğ H I Ì Í Î Ï Ī İ Ĭ 4	J K L 5	M N Ñ O Ò Ó Ô Õ Ö ø 6	P Q R S Ş ß 7	T U Ù Ú Û Ü Ũ V 8	W Ŵ X Y ŷ Z 9
		a à á â ã ä å æ b c ç 2	d e è é ê ë ē f 3	g ğ h i ì í î ï ī ı ĭ 4	j k l 5	m n ñ o ò ó ô õ ö ø 6	p q r s ş ß 7	t u ù ú û ü ũ v 8	w ŵ x y ŷ z 9

- The following are used for both uppercase and lowercase: ø ŵ ŷ

Extended 2 character table (SŚŠ)

0	1	ABC 2	DEF 3	GHI 4	JKL 5	MNO 6	PQRS 7	TUV 8	WXYZ 9
Space 0	Space # & ' ( ) ∗ , - . / 1	A Á Ä Ą B C Ć Č 2	D Ď E É Ę Ě F 3	G H I Í 4	J K L Ł Ĺ Ľ 5	M N Ń Ň O Ó Ö Ő 6	P Q R Ŕ Ř S Ś Š 7	T Ť U Ú Ü Ű ů V 8	W X Y ý Ý Z Ź Ż Ž 9
		a á ä ą b c ć č 2	d ď e é ę ě f 3	g h i í 4	j k l ł ĺ ľ 5	m n ń ň o ó ö ő 6	p q r ŕ ř s ś š 7	t ť u ú ü ű ů v 8	w x y ý ý z ź ż ž 9

- The following are used for both uppercase and lowercase:

  Ą Ć Č Ę Ł Ĺ Ľ Ń Ŕ Ś Š ů ý Ź Ż Ž

Cyrillic character table (АБВ)

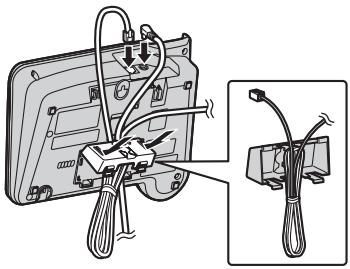
0	1	ABC 2	DEF 3	GHI 4	JKL 5	MNO 6	PQRS 7	TUV 8	WXYZ 9
Space 0 Ґ Є І Ї Ў	Space # & ' ( ) ∗ , - . / 1	А Б В Г 2	Д Е Ж З 3	И Й К Л 4	М Н О П 5	Р С Т У 6	Ф Х Ц Ч 7	Ш Щ Ъ Ы 8	Ь Э Ю Я 9

Wall mounting

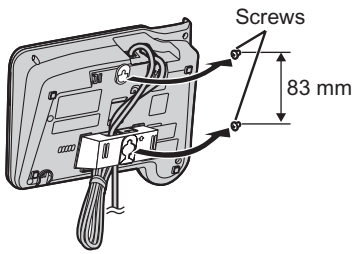
Base unit

1 Connect the AC adaptor and telephone line cord. Tuck the telephone line cord inside the wall mounting adaptor, then push it in the direction of the arrow.

- The word “UP” should face upward.

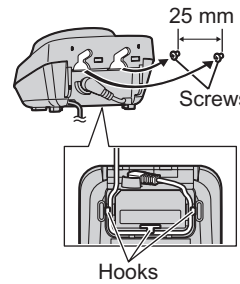


2 Connect the telephone line cord. Drive the screws (not supplied) into the wall. Mount the unit, and then slide it down. Connect the AC adaptor to power outlet (page 8).

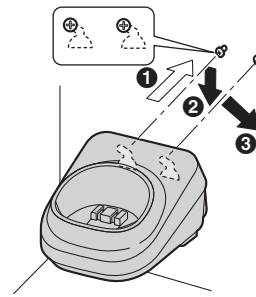


Charger

1 Drive the screws (not supplied) into the wall.



2 Mount the charger (❶), then slide it down (❷) and to the right (❸) until it is secure.



Error messages

If the unit detects a problem, one of the following messages is shown on the display.

Display message	Cause/solution
Check Phone Line	● The supplied telephone line cord has not been connected yet or not connected properly. Check the connections (page 8).
Error[*1]	● Recording was too short. Try again.
Failed	● Phonebook copy failed (page 20). Confirm the other unit (the receiver) is in standby mode and try again.
Incomplete	● Phonebook copy is incomplete. The receiver's phonebook memory is full. Erase the unnecessary phonebook entries (page 19) from the other unit (the receiver) and try again.
Memory Full	● The phonebook memory is full. Erase unnecessary entries (page 19). ● Message memory is full. Erase unnecessary messages (page 32, 33).[*1] ● The call barred list memory is full. Erase unnecessary entries (page 26).
No link. Reconnect AC adaptor.	● The handset has lost communication with the base unit. Move closer to the base unit and try again. ● Unplug the base unit's AC adaptor to reset the unit. Reconnect the adaptor and try again. ● The handset's registration may have been cancelled. Re-register the handset (page 27).
Use rechargeable battery.	● A wrong type of battery such as Alkaline or Manganese was inserted. Use only the rechargeable Ni-MH batteries noted on page 3, 5.
You must first subscribe to Caller ID.	● You must subscribe to a Caller ID service. Once you receive caller information after subscribing to a Caller ID service, this message will not be displayed.

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Troubleshooting

If you still have difficulties after following the instructions in this section, disconnect the base unit's AC adaptor and turn off the handset, then reconnect the base unit's AC adaptor and turn on the handset.

General use

Problem	Cause/solution
The handset does not automatically turn on after installing/replacing batteries.	• The battery is empty or too weak to turn on the power. Place the handset on the charger, and let it charge.
The unit does not work.	• Make sure the batteries are installed correctly (page 8). • Fully charge the batteries (page 8). • Check the connections (page 8). • Unplug the base unit's AC adaptor to reset the unit and turn off the handset. Reconnect the adaptor, turn on the handset and try again. • The handset has not been registered to the base unit. Register the handset (page 27).
I cannot hear a dial tone.	• Make sure that you are using the supplied telephone line cord. Your old telephone line cord may have a different wiring configuration. • The base unit's AC adaptor or telephone line cord is not connected. Check the connections. • If you are using a splitter to connect the unit, remove the splitter and connect the unit to the wall jack directly. If the unit operates properly, check the splitter. • Disconnect the base unit from the telephone line and connect the line to a known working telephone. If the working telephone operates properly, contact our service personnel to have the unit repaired. If the working telephone does not operate properly, contact your service provider/telephone company.
I do not know how to erase ➔) (Missed call) from the display.	• There are unviewed missed calls remaining. View them and erase ➔) in the following way. **Base unit:** **1** ➔) (right soft key) **2** Press 【▼】 to search from the most recent call, or press 【▲】 to search from the oldest call. **Handset:** **1** ▤ (middle soft key) **2** 【▼】/【▲】: "Caller List" → OK **3** Press 【▼】 to search from the most recent call, or press 【▲】 to search from the oldest call.

Programmable settings

Problem	Cause/solution
I have changed the display language to a language I cannot read.	● Change the display language (page 14).
While programming, the unit starts to ring.	● A call is being received. Answer the call and start again after hanging up.
While programming, the display returns to standby mode.	● A call matching an entry in the call barred list is being received. Wait and try again later.
I cannot register a handset to a base unit.	● The maximum number of handsets (6) is already registered to the base unit. Cancel unused handset registrations from the base unit (page 27). ● You entered the wrong PIN. If you forget your PIN, contact an authorised service centre. ● Place the handset and the base unit away from other electrical appliances.

Battery recharge

Problem	Cause/solution
The handset beeps and/or 🔋 flashes.	● Battery charge is low. Fully charge the batteries (page 8).
I fully charged the batteries, but 🔋 still flashes.	● Clean the charge contacts and charge again (page 9). ● It is time to replace the batteries (page 8).
I fully charged the batteries, but the operating time seems to be shorter.	● Clean the battery ends (⊕, ⊖) and the charge contacts with a dry cloth and charge again.
The handset display is blank.	● The handset is not turned on. Turn the power on (page 13).

Making/answering calls, intercom

Problem	Cause/solution
Y is flashing.	● The handset is too far from the base unit. Move closer. ● The base unit's AC adaptor is not properly connected. Reconnect AC adaptor to the base unit. ● You are using the base unit or handset in an area with high electrical interference. Re-position the base unit and use the handset away from sources of interference. ● The handset is not registered to the base unit. Register it (page 27).
Noise is heard, sound cuts in and out.	● You are using the base unit or handset in an area with high electrical interference. Re-position the base unit and use the handset away from sources of interference. ● Move closer to the base unit. ● If you use a DSL/ADSL service, we recommend connecting a DSL/ADSL filter between the base unit and the telephone line jack. Contact your DSL/ADSL provider for details.

Problem	Cause/solution
The base unit and/or handset does not ring.	● The ringer volume is turned off. Adjust the ringer volume (page 16).
I cannot make a call.	● The dialling mode may be set incorrectly. Change the setting (page 14). ● The handset is too far from the base unit. Move closer and try again. ● Another unit is in use. Wait and try again later. ● Answering system is being used by a handset.*1 Wait and try again later. ● The key lock feature is turned on. Turn it off (page 17).

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Caller ID

Problem	Cause/solution
Caller information is not displayed.	● You must subscribe to Caller ID service. Contact your service provider/telephone company for details. ● If your unit is connected to any additional telephone equipment, remove and plug the unit directly into the wall jack. ● If you use a DSL/ADSL service, we recommend connecting a DSL/ADSL filter between the base unit and the telephone line jack. Contact your DSL/ADSL provider for details. ● Other telephone equipment may be interfering with this unit. Disconnect the other equipment and try again.
Caller information is displayed late.	● Depending on your service provider/telephone company, the unit may display the caller's information at the 2nd ring or later. ● Move closer to the base unit.
Time on the unit has shifted.	● Incorrect time information from incoming Caller ID changes the time. Set the time adjustment to **"Manual"** (off) (page 23).
The name stored in the phonebook is not displayed fully while an outside call is being received.	● Edit the phonebook entry name to fit in 1 line of text (page 18).

Answering system (KX-TG6461)

Problem	Cause/solution
The unit does not record new messages.	● The answering system is turned off. Turn it on (page 31). ● The message memory is full. Erase unnecessary messages (page 32). ● The recording time is set to **"Greeting Only"**. Change the setting (page 35). ● If your own greeting message is not recorded properly, callers may not leave a message. Record your own greeting message again (page 31). ● If you subscribe to a voice mail service, messages are recorded by your service provider/telephone company, not your telephone. Change the unit's number of rings setting or contact your service provider/telephone company (page 35).
My own greeting message cannot be properly heard.	● Record your own greeting message again (page 31).
I cannot operate the answering system.	● Someone is using the unit. Wait for the other user to finish. ● A caller is leaving a message. Wait for the caller to finish. ● The handset is too far from the base unit. Move closer.
I cannot operate the answering system remotely.	● You are entering the wrong remote access code. If you have forgotten your remote access code, enter the remote access code setting to check your current code (page 33). ● Press each key firmly. ● The answering system is turned off. Turn it on (page 34). ● You are using a rotary/pulse telephone. Try again using a touch-tone phone.
While recording a greeting message or listening to messages, the unit rings and the operation stops.	● A call is being received. Answer the call and try again later.

Liquid damage

Problem	Cause/solution
Liquid or other form of moisture has entered the base unit/ handset.	● Disconnect the AC adaptor and telephone line cord from the base unit. Remove the batteries from the handset and leave to dry for at least 3 days. After the base unit/handset are completely dry, reconnect the AC adaptor and telephone line cord. Insert the batteries and charge fully before use. If the unit does not work properly, contact an authorised service centre.

Caution:

● To avoid permanent damage, do not use a microwave oven to speed up the drying process.

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CE0682

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